

Title (en)

Propylene polymer and copolymers grafted with vinylpolybutadiene and their preparation process.

Title (de)

Propylenpolymere und Copolymere mit Vinylpolybutadien gepfropft und deren Herstellungsverfahren.

Title (fr)

Polymères et copolymères de propylène greffés avec du vinylpolybutadiène et leur procédé de préparation.

Publication

EP 0542253 A2 19930519 (EN)

Application

EP 92119351 A 19921112

Priority

IT MI913011 A 19911112

Abstract (en)

Crystalline propylene (co)polymers modified by grafting with a vinylpolybutadiene having 1,2-structure content of at least 10%. Said (co)polymers are reacted with a liquid vinylpolybutadiene in the presence of a non-peroxidic radical initiator at a temperature in the range 200 to 350 DEG C, the liquid vinylpolybutadiene having a 1.2-structure content of at least 10% and being generally used in amounts within the range 0,5 to 20% by weight.

IPC 1-7

C08F 299/00

IPC 8 full level

C08F 255/02 (2006.01); **C08F 299/00** (2006.01); **C08L 23/10** (2006.01); **C08L 23/14** (2006.01); **C08L 9/00** (2006.01); **C08L 51/06** (2006.01)

CPC (source: EP US)

C08F 255/02 (2013.01 - EP US); **C08F 299/00** (2013.01 - EP US); **C08L 23/10** (2013.01 - EP US); **C08L 23/142** (2013.01 - EP US); **C08L 9/00** (2013.01 - EP US); **C08L 51/06** (2013.01 - EP US); **C08L 2205/02** (2013.01 - EP US); **C08L 2205/03** (2013.01 - EP US); **Y10S 525/914** (2013.01 - EP)

C-Set (source: EP US)

1. **C08L 23/10** + **C08L 2666/24**
2. **C08L 23/10** + **C08L 2666/02**
3. **C08L 23/142** + **C08L 2666/08**
4. **C08L 23/142** + **C08L 2666/24**

Cited by

US6162548A; EP0884357A1; US6454980B1; US7143663B2; US6372344B1; US6255399B1; US6552112B1; US8097809B2; US6410651B1; US6756447B2; WO9622327A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0542253 A2 19930519; **EP 0542253 A3 19940202**; **EP 0542253 B1 19970409**; AT E151441 T1 19970415; DE 69218889 D1 19970515; DE 69218889 T2 19971106; DK 0542253 T3 19970609; ES 2101001 T3 19970701; IT 1252388 B 19950612; IT MI913011 A0 19911112; IT MI913011 A1 19930512; JP 3248138 B2 20020121; JP H0641251 A 19940215; US 5541262 A 19960730; US 5574111 A 19961112

DOCDB simple family (application)

EP 92119351 A 19921112; AT 92119351 T 19921112; DE 69218889 T 19921112; DK 92119351 T 19921112; ES 92119351 T 19921112; IT MI913011 A 19911112; JP 29999692 A 19921110; US 46636495 A 19950606; US 47062595 A 19950606